D4S/D4F Series
Installation Manual

Arecont Vision

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D4S/D4F Indoor Dome Installation Manual

Inside the box:

A. Mounting template
B. Arecont Vision D4S **(Image 1-1)** or D4F **(Image 1-2)**
C. Pack of three (3) wood screws and three (3) dry wall anchors (D4S only)

Not included but needed:

- #0 Phillips head screwdriver
- #1 Phillips head screwdriver

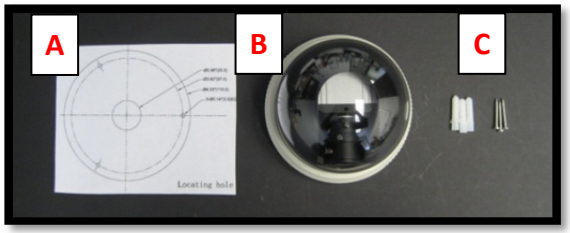


Image 1-1 D4S Indoor Dome

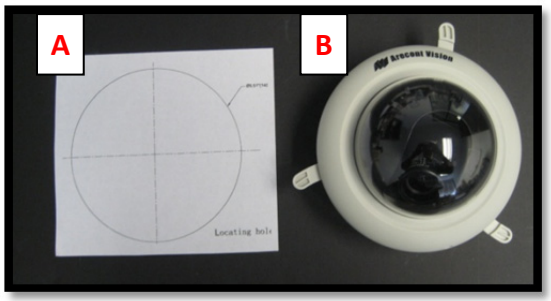


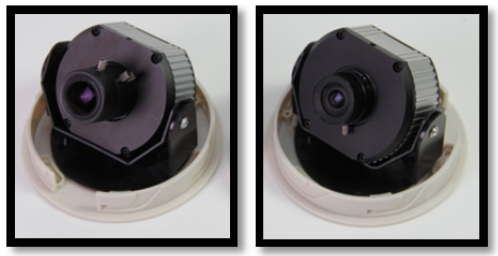
Image 1-2 D4F Indoor Dome

Mounting the Camera:

1. Remove camera and hardware from the box.

*NOTE : D4S and D4F has two kinds of lens options, 3.3-12mm and 4mm, as shown in **image 2.***

D4S/D4F-AVxxxx-3312 integrated with 3.3-12mm lens; D4S/D4F-AVxxxx-04 integrated with 4.0mm lens



D4S-AVxxxx-3312 **D4S-AVxxxx-04**

Image 2-1

D4F-AVxxxx-3312 **D4F-AVxxxx-04**

Image 2-2

2. Use the Mounting template, prepare the mounting provisions for camera installation.

3. Use #0 Philips head screwdriver to loosen the set screw to release the dome cover **(Image 3-1 and 3-2)**. *NOTE: Do not remove screw from the dome cover.*

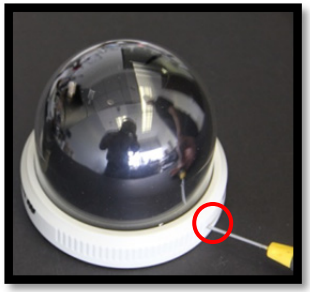


Image 3-1 D4S

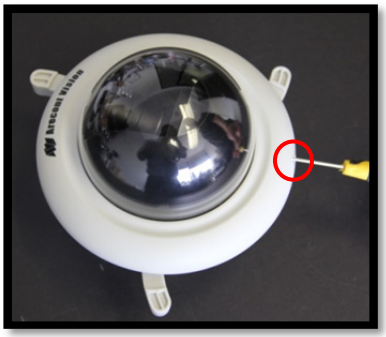


Image 3-2 D4F

Image 4-1 D4S

Image 4-2 D4F

4. Remove D4S or D4F dome cover by rotating counterclockwise as show in **Image 4-1 and 4-2.**

5. Run Ethernet cable through the hole on the bottom of D4S or D4F and plug it into the

RJ45 port on AV's H.264 compact MegaVideo® camera. **(Image 5-1 and 5-2)**

Image 5-1 D4S

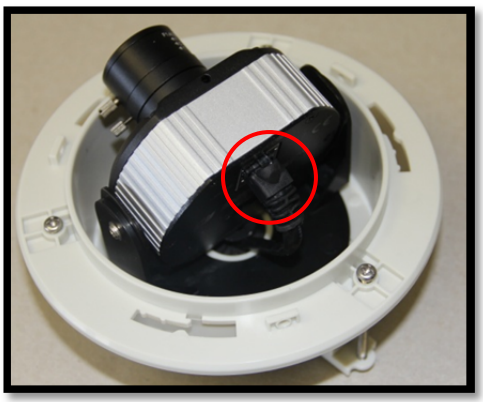


Image 5-2 D4F

6.1 For D4S models, align the mounting holes in the dome with the prepared holes on the mounting surface. Attach D4S to the mounting surface with the wood screws or any optional hardware suitable for the mounting surface. **(Image 6)**

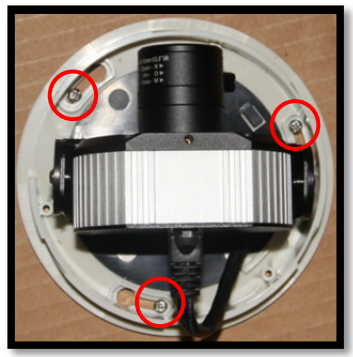


Image 6

6.2 For D4F models, insert D4F into the prepared hole in the ceiling or wall then tighten the three "lever screws" by rotating clockwise until the D4F is firmly installed, as shown in **Image 7**. The "Support Arm" will ride down the screw to compress to the mounting surface**.** *NOTE: Do not over-torque the lever screws.*

Image 7

<u>Adjusting the Tilt and Pan:</u>

7. To adjust the tilt, use a #1 Phillips screwdriver to loosen the screw on the sides of the metal U bracket 1/4 turn **(Image 8-1 and 8-2)**. *CAUTION: Do not remove the screws!*

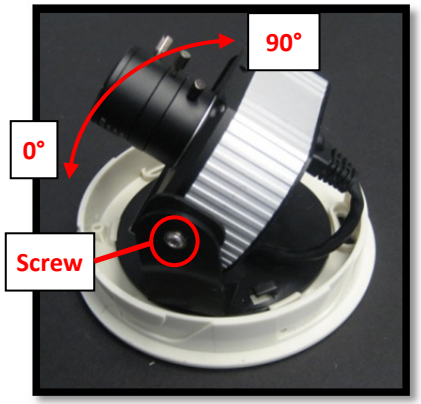


Image 8-1 D4S

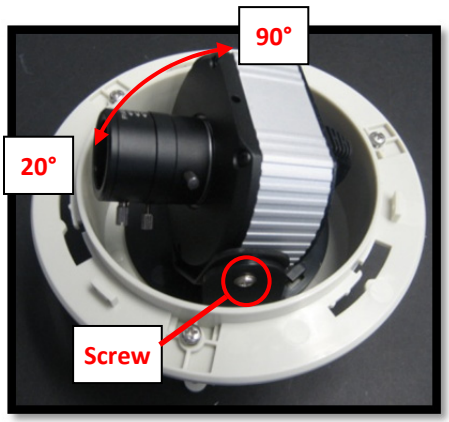


Image 8-2 D4F

8. Adjust lens tilt as required and tighten the screw.

*CAUTION: When using D4S/D4FAVxxxx-3312, please push camera to the end of U bracket slot to avoid interference between bubble and lens. (***Image 9-1)**

Image 9-1

*CAUTION: When using D4S/D4FAVxxxx-04 , please push camera to the front of the U bracket slot to avoid vignette issue resulting from the black liner blocking the optical path of the lens.. (***Image 9-2)**

Image 9-2

NOTE: Adjust cable to make camera tilt easier, if cable pushes against plastic housing. **(Image 10-1 and 10-2)**

Image 10-1 D4S

Image 10-2 D4F

9. To adjust the pan, hold and turn the U bracket as shown in **Image 11.**

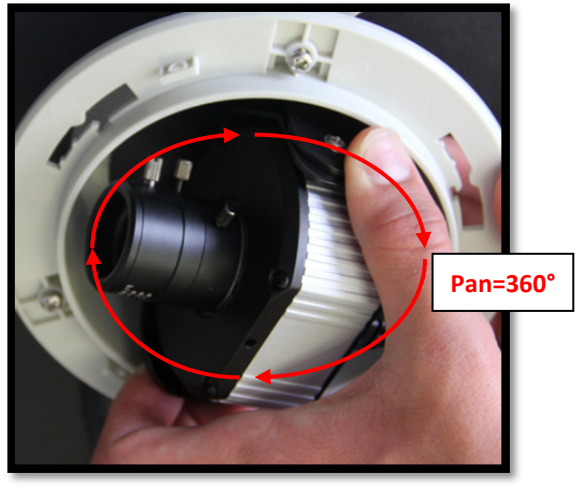


Image 11

Adjusting the Focus:

10.1 For D4S/FAVxxxx-3312 version, to focus the lens, loosen the three set screws as shown in **Image 12-1** and adjust each as needed. **A** adjusts the zoom, **B** adjusts the iris, **C** adjusts the focus.

Note: Adjust zoom first then focus!

10.2 For D4S/FAVxxxx-04 version, to focus the lens, loosen the set screws as shown in **Image 12-2** and adjust focus as needed.

Note: For more information on proper focusing technique, please watch the "Focusing Arecont Vision Megapixel Cameras" Best Practices Training Video at www.youtube.com/ArecontVision.

11. Secure the dome cover to the camera.

12. Tighten the set screw on the dome cover using #0 Philips head screwdriver.

13. Rotate bubble to align camera with slot in camera shield (Liner).

14. Remove the protective film from the camera dome. *NOTE: be cautious not to scratch the vandal dome cover.*

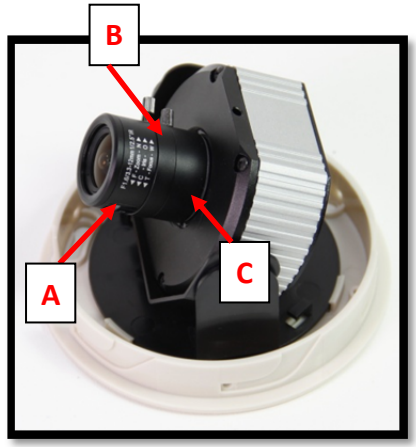


Image 12-1

Image 12-2

How to install camera properly?

Note: D4 Series ships with the image rotated for ceiling installation.

To properly install camera, the U bracket needs to be installed between the dome base and camera shown in **Image 13**.

If the U bracket is between the camera and dome bubble, the image will be upside down and possibly damage the bubble.

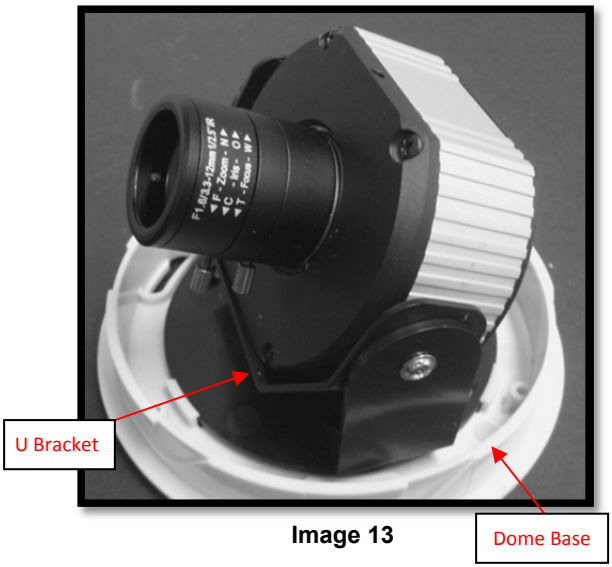


Image 13

How to flip upside down image?

Note: Resetting the camera to factory default will result in the image flipping upside down. Please follow below steps to flip images in Camera Web Page or AV's setup software and save to on-camera flash memory.

Note: If using AV's setup software, please refer to user manual.

Camera Web Page:

Step 1: Go to the "Image" menu and check "Flip" on camera web page to rotate image 180°.

Step 2: Go to "Administration Menu" and click "Save all settings to flash" to save all the settings to on-camera flash memory.

Pendant Mount (D4S-CMT) Installation Instructions

Inside the box:

A. Pendant Mount (Fit with ¾" NPT)
B. Mounting template
C. Pack of three (3) machine screws, three (3) wood screws and three (3) dry wall anchors

Not included but needed:

D. #2 Phillips head screw driver

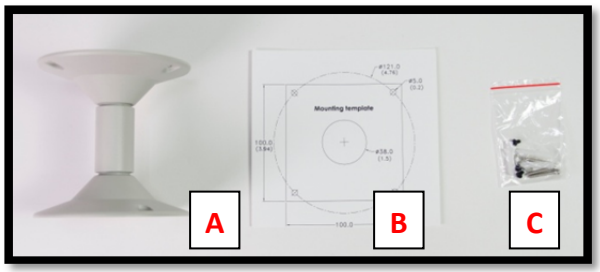


Image 14

1. Remove Pendant Mount and hardware from the box.

2. Using the Mounting template, prepare the mounting provisions for camera installation.

3. Attach Dome to Pendant as shown in **Image 15** and **Image 16** using three machine screws provided.

Image 15

Image 16

4. Run Ethernet Cable through the Pendant, if necessary.

5. Attach Pendant to the ceiling using the three wood screws provided or any optional hardware suitable for the mounting surface.

6. For installation of the camera, please reference "**Mounting the Camera**".

Wall Mount (MD-WMT) Installation Instructions

Inside the box:

A. Wall mount (Fit ¾" NPT Standard)
B. Mounting template
C. Pack of three (3) machine screws, four (4) wood screws and four (4) dry wall anchors

Not included but needed:

- #2 Phillips head screw driver

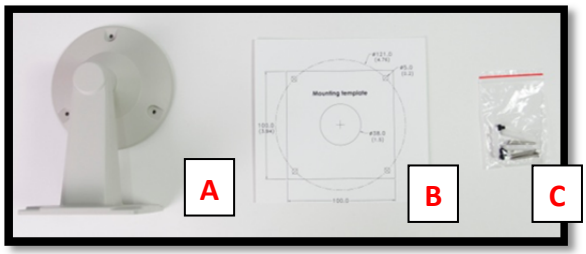


Image 17

1. Remove Wall Mount and hardware from the box.

2. Using the Mounting template, prepare the mounting provisions for camera installation.

3. Attach Dome to wall mount as shown in **Image 18** using three machine screws provided.

4. Run Ethernet Cable through the Pendant, if necessary.

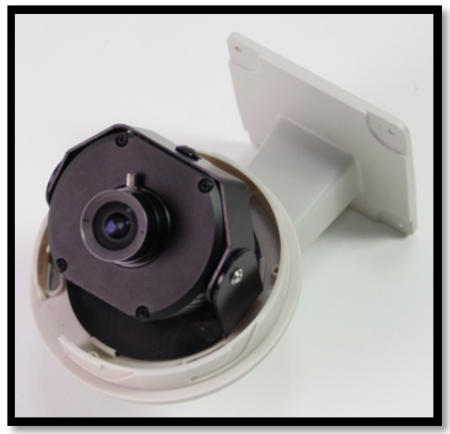


Image 18

5. Attach Wall Mount to the wall using drywall screws or any optional hardware suitable for the mounting surface.

6. For installation of the camera, please reference "**Mounting the Camera**".

Leading the **way** in **Mega**pixel **video**

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